



1714-

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket Nos. 109845.187 and TMRI-037CIP)

In re Application of: Guttman et al.) Examiner: To Be Assigned

Serial No. 10/047,438) Group Art Unit: 1714 /

Filing Date: January 14, 2002)

For: NANOPOROUS MEMBRANE REACTOR FOR MINIATURIZED REACTIONS AND
ENHANCED REACTION KINETICS

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below.

Date: 7/10/2003

Kimm Mauger
Kimm Mauger

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Dear Sir:

Enclosed herewith for filing in the above-identified patent application are the following documents:

1. Information Disclosure Statement (2 pages);
2. Form PTO-1449 (1 page) From Parent Application (09/759,989);
3. Certificate of First Class Mailing; and
4. Return Postcard.

No fees are believed to be due in connection with this submission. However, please charge any fees
that might be due or credit any overpayment to our Deposit Account No. 08-0219.

If there are any questions, please call the undersigned at the number below.

Respectfully submitted,

Date: 7/10/03
HALE AND DORR LLP
60 State Street
Boston, MA 02109
(617) 526-6000
(617) 526-5000 (Facsimile)

Ann-Louise Kerner
Ann-Louise Kerner, Ph.D.
Reg. No. 33,523
Attorney/Agent for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket Nos. 109845.187 and TMRI-037CIP)

In re Application of: Guttman et al.) Examiner: To Be Assigned
Serial No. 10/047,438)
Filing Date: January 14, 2002)

For: NANOPOROUS MEMBRANE REACTOR FOR MINIATURIZED REACTIONS AND
ENHANCED REACTION KINETICS

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below.

Date: 7/10/2003

Kimm Mauger
Kimm Mauger

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R., Applicants submit herewith the attached Form PTO-1449 for filing in the above-referenced application. The present application is a continuation-in-part of U.S. Patent Application No. 09/759,989 (now abandoned). The Form PTO-1449 lists references that were already submitted by the Applicants in the parent application. Therefore, pursuant to 37 C.F.R. § 1.98 (d), no copies of the previously cited art are enclosed. This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97 (b) before the mailing date of the first Office Action, therefore no fee is believed to be due.

This submission does not represent that a search has been made and does not constitute an admission that the listed documents are material to the patentability of the invention, or that the listed documents are prior art. Applicants reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application. If it should be determined that any of the listed documents constitute prior art under United States law, Applicants reserve the right to present to the Office relevant facts and law regarding the significance of such documents to the patentability of the claimed invention.

U.S. Patent Application No. 10/047,438
Page Two

It is respectfully requested that the Examiner initial and return copies of the enclosed form PTO-1449 with the next Patent Office communication.

Please also charge any fees that might be due in connection with this matter to Deposit Account No. 08-0219. If there are any questions, please call the undersigned at the telephone number indicated below.

Respectfully submitted,

Date: 7/10/03
HALE AND DORR LLP
60 State Street
Boston, MA 02109
(617) 526-6000
(617) 526-5000 (Facsimile)

Ann-Louise Kerner
Ann-Louise Kerner, Ph.D.
Reg. No. 33,523
Attorney/Agent for Applicants

FORM PTO-1449 JUL 14 2003 USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. NADII.023A	APPLICATION NO. 09/759,989
		APPLICANT Guttmann, et al.	COPY
		FILING DATE January 12, 2001	GROUP 1764

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1	3,791,933	02/12/74	Moyer, et al.				
2	4,200,690	04/29/80	Root, et al.				
3	5,032,504	07/16/91	Mauck				
4	5,064,764	11/12/91	Besnainon, et al.				
5	5,071,909	12/10/91	Pappin, et al.				
6	5,085,986	02/04/92	Mauck, et al.				
7	5,242,804	09/07/93	Bahar, et al.				
8	5,830,680	11/03/98	Meyerhoff, et al.				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
9	Cassel, et al., <i>Electrophoresis</i> , 19:1341-1346, 1998, "Membrane-Mediated Sample Loading for Automated DNA Sequencing."	
10	Dolnik, et al., <i>Electrophoresis</i> , 21:41-54, 2000, "Capillary Electrophoresis on Microchip."	
11	Gerslner, et al., <i>BioTechniques</i> , 28(4):628, 630, 2000, "Sequencing Difficult DNA Templates Using Membrane-Mediated Loading with Hot Sample Application." (One full page of advertisements not included.)	
12	Guttmann, <i>Analytical Chemistry</i> , 71(16):3598-3602, 1999, "Sample Stacking during Membrane-Mediated Loading in Automated DNA Sequencing."	
13	Guttmann, <i>LC/GC Magazine</i> , 17:1020-1026, 1999, "Automated DNA Fragment Analysis by High Performance Ultra-Thin-Layer Agarose Gel Electrophoresis." (Two full pages of advertisements not included.)	
14	Guttmann, et al., <i>Electrophoresis</i> , 21:3952-3964, 2000, "Ultrathin-Layer Gel Electrophoresis of Biopolymers."	
15	Jacobson, et al., <i>Anal. Chem.</i> , 68:720-723, 1996, "Integrated Microdevice for DNA Restriction Fragment Analysis."	
16	Sigma, Promotion Code SI-400, 2000, "Repetitive Gel Loading Slowing You Down? QuickComb™-96 The Speedy Solution."	

S:\DOCS\MTMMTM-1619.DOC:drmb
072001

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	